



UCOWR Fellow in Water Resources Studies at the USACE Institute for Water Resources

The U.S. Army Corps of Engineers (USACE) Institute for Water Resources (IWR), in partnership with the Universities Council on Water Resources (UCOWR), is seeking a fellow to perform applied, policy-relevant research to extend the Corps of Engineers' knowledge of and thinking about emerging water resources needs and issues.

Candidates should be university professors with substantial applied experience in water resources planning and management, as well as strong teaching credentials. Candidates will be sought for a six-nine month appointment (via Intergovernmental Personnel Act), and will be selected on the basis of a proposal submitted in response to broad topics of interest to the Corps of Engineers (listed below), as well as on relevance of prior work and experience, and on the basis of personal interviews.

The duty location will be the Institute for Water Resources, Alexandria, VA. The Institute is the Corps' center for critical thinking on emerging water resources policy and planning issues. More information about the Institute can be found at www.iwr.usace.army.mil. Pay and benefits, and travel and per diem will be provided under the IPA agreement and negotiated with the fellow and his/her employing university.

Fellow Responsibilities:

- Participate in policy and/or technical research culminating in the preparation of a white paper containing analysis and recommendations, suitable for publication, on the agreed upon topic based on the proposal submitted.
- Conduct a 3 – 4 hour seminar on the white paper for Corps of Engineers executives.
- Interact with IWR staff in collegial discussions, and with Corps headquarters personnel at selected functions.
- Prepare an article for Water Resources Update and organize a panel at the UCOWR conference based on the work performed under the fellowship.

Fellowship Opportunity: Six-month to nine-month assignment based on scope of proposed research project submitted in response to a topic of interest to the Corps of Engineers. Reporting date to be negotiated, but target commencement of assignment would be January 2006.

Topics of Interest:

- Water supply and allocation issues: the scope of the problem and options and recommendations for addressing it.
- Making decisions about water resources investments: is the Principles and Guidelines framework (P&G) outmoded? What are the alternatives?
- Models for collaborative planning and decision-making.
- Emerging public involvement and consensus building techniques.
- Methods for integrating multiple objectives through trade-off analysis.
- Key emerging water resources issues: what are they, which are most critical to national prosperity and quality of life, and what needs to be done?
- Funding water investments in an era of declining domestic discretionary budgets.
- IWRM and balancing development and environment.
- National versus regional water policy perspectives: what are the issues; what are the alternatives to a nationally consistent policies?
- Lessons learned from experiences in international water resources development that have applicability to the U.S.
- Infrastructure and economic development: worldwide trends and relationships, and relevance for investment in the United States.
- Other topics, as provided by applicants.

Application Procedure and Schedule: Candidates are invited to submit an application package consisting of a proposal of between 5 – 10 pages addressing a topic of interest and a CV by 31 May 2005. The package should be submitted to the following e-mail address: UCOWRFellow@usace.army.mil. The selection will be made by a joint IWR/UCOWR panel in July.

For more information contact: Dr. Paul Bourget, Institute for Water Resources at paul.g.bourget@usace.army.mil or 703-428-6292.